



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wolfram Eichner et al.

Art Unit : 2612

Serial No.: 10/567,266

Examiner: Unknown

Filed

: February 6, 2006

Conf. No.: 4435

Title

: CONJUGATES OF HYDROXYALKYL STARCH AND G-CSF

## MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Neumber 22, 2006

Elizabeth N. Kaytoz, Ph.D.

Reg. No. 53,103

Fish & Richardson P.C. 60 South Sixth Street, Suite 3300 Minneapolis, MN 55402 Telephone: (612) 335-5070

Facsimile: (612) 288-9696

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 2 2006

Date of Deposit

Signature

Lisa M. Becker

Typed or Printed Name of Person Signing Certificate



Attorney's Docket No.: 14503-005US1 / F62339PCUS HJW/hor

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Applicant: Wolfram Eichner et al. Art Unit: 2612
Serial No.: 10/567,266 Examiner: Unknown

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## Mail Stop Amendment

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# **TRANSMITTAL**

The following correspondence relating to this application is enclosed for filing:

- 1. Information Disclosure Statement (1 page);
- 2. Form PTO-1449 (15 pages);
- 3. Copies of Cited References (287 references); and
- 4. A Return Postcard.

Please date stamp and return the enclosed postcard. Please apply any charges or credits to Deposit Account No. 06-1050.

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	Lisa M. Becker				

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Comparison PTO-1449

U.S. Department of Patent and Trade

Comparison Disclosure Statement

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 14503-005US1

Application No. 10/567,266

Applicant

Wolfram Eichner et al.

Filing Date

**Group Art Unit** 

(Use several sheets if necessary)

by Applicant

February 6, 2006 2612

				ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1	3,191,291	06/29/65	Maier			:
	2	4,064,118	12/20/77	Wong			
	3	4,125,492	11/14/78	Cuatrecasas et al.			
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	14	5,214,132	05/25/93	Kuga et al.			
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	20	5,470,843	11/28/95	Stahl et al.			
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	22	5,543,332	08/06/96	Lihme et al.			
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	24	5,622,718	04/22/97	Al-Shamkhani et al.			
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	26	6,555,660	04/29/03	Nissen et al.			
·	27	2004/0180858	09/16/04	Sommermeyer			

Examiner	Signature
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Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14503-005US1	Application No. 10/567,266	
-	closure Statement	Applicant Wolfram Eichner et a	1.	
	eets if necessary)	Filing Date February 6, 2006	Group Art Unit 2612	

	Foreig	n Patent Doo	uments or P	ublished Foreign F	Patent A	Application	ns	
Examiner	Desig.	Document	Publication	Country or		•		lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	28	2 441 442	09/26/03	CA				
	29	2 478 478	01/09/04	CA				
	30	2 478 480	01/09/04	CA				
	31	279 486	06/06/90	DD			Abst.	
	32	100 41 541	03/14/02	DE			Abst.	
	33	101 12 825	02/10/02	DE			Abst.	
	34	101 26 158	12/12/02	DE			Abst.	
	35	101 29 369	03/06/03	DE			Abst.	
	36	101 35 694	02/06/03	DE		,	Abst.	
	37	101 55 098	05/22/03	DE			Abst.	·
	38	102 09 821	09/25/03	DE			Abst.	
	39	102 17 994	11/06/03	DE			Abst.	
	40	102 54 745	06/03/04	DE		,	Abst.	
-	41	102 56 558	09/16/04	DE			Abst.	
	42	196 28 705	01/15/98	DE			Abst.	
	43	198 08 079	08/26/99	DE			Abst.	
	44	22 33 977	02/01/73	DE			Abst.	
	45	26 07 706	05/13/93	DE			Abst.	
	46	26 16 086	11/03/77	DE			Abst.	
	47	26 46 854	05/03/89	DE			Abst.	
	48	30 29 307	03/04/82	DE			Abst.	
	49	38 36 600	05/03/90	DE			Abst.	
	50	41 30 807	03/18/93	DE			Abst.	
	51	0 019 403	11/26/80	EP				
	52	0 138 572	04/24/85	EP				
	53	0 148 605	07/25/90	EP				
	54	0 205 564	05/02/91	EP				

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	Foreign Patent Documents or Published Foreign Patent Applications								
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Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
	55	0 243 929	11/04/87	EP					
	56	0 304 183	02/22/89	EP					
	57	0 307 827	03/22/89	EP					
	58	0 315 349	05/10/89	EP					
	59	0 338 916	10/25/89	EP			Abst.		
	60	0 402 724	06/02/90	EP			Abst.		
	61	0 411 678	01/08/92	EP					
	62	0 418 523	06/21/95	EP				-	
	63	0 428 267	05/22/91	EP					
	64	0 605 963	07/13/94	EP					
	65	0 609 968	08/10/94	EP					
	66	0 640 619	03/01/95	EP					
	67	0 646 130	04/05/95	EP					
	68	0 668 351	08/23/95	EP					
	69	0 809 996	05/31/96	EP					
	70	1 230 935	08/14/02	EP			Abst.		
	71	1 398 322	09/11/03	EP					
	72	1 398 327	09/11/03	EP					
	73	1 398 328	09/11/03	EP					
	74	1 400 533	09/11/02	EP					
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	76	WO 02/80979	10/17/02	WIPO			Abst.		
-	77	WO 02/09766	02/07/02	WIPO					
	78	WO 02/40057	05/23/02	WIPO					
	79	WO 03/00738	01/03/03	WIPO			Abst.		
	80	WO 03/59246	07/24/03	WIPO					
	81	WO 03/74087	09/12/03	WIPO			Abst.		

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2612

Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. Application No. 10/567,266 14503-005US1 Applicant **Information Disclosure Statement** Wolfram Eichner et al. by Applicant (Use several sheets if necessary) Filing Date **Group Art Unit** February 6, 2006

	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or				lation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
	82	WO 03/74088	09/12/03	WIPO			Abst.		
	83	WO 04/09082	01/29/04	WIPO					
	84	WO 04/24761	03/25/04	WIPO					
	85	WO 04/50710	06/17/04	WIPO			Abst.		
	86	WO 04/65425	08/05/04	WIPO			Abst.		
	87	WO 90/07939	07/26/90	WIPO					
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	91	WO 94/13697	06/23/94	WIPO					
	92	WO 94/28024	12/08/94	WIPO					
	93	WO 94/29370	12/22/94	WIPO					
	94	WO 95/06058	03/02/95	WIPO					
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	98	WO 96/40662	12/19/96	WIPO				•	
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	102	WO 97/33552	09/18/97	WIPO					
	103	WO 97/38727	10/23/97	WIPO			Abst.		
	104	WO 98/01158	01/15/98	WIPO			Abst.		
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	106	WO 98/20905	05/22/98	WIPO					
	107	WO 98/32466	07/30/98	WIPO			Abst.		
	108	WO 98/56424	12/17/98	WIPO					

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(37 CFR §1.98(b))

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	closure Statement oplicant	Applicant Wolfram Eichner et al	
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Foreign Patent Documents or Published Foreign Patent Applications								
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Initial	ID di	Number	Date	Patent Office	Class	Subclass	Yes	No
	109	WO 99/49897	10/07/99	WIPO				

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.				
Initial	ID	Document			
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		Alayash and Cashon, "Hemoglobin and free radicals: implications for the development of a safe			
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	126	Boissel et al., "Erythropoietin Structure-Function Relationships. Mutant proteins that test a model of tertiary structure," J. Biol. Chem., 1993, 268(21):15983-15993			
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Substitute Disclosure Form (PTO-1449)

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	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document			
Initial	128	Bowen et al., "Estimation of Effective and Total Erythropoiesis in Myelodysplasia Using Serum Transferrin Receptor and Erythropoietin Concentrations, with Automated Reticulocyte Parameters," Leukemia, 1994, 8(1):151-155			
	129	Bronzino, The Biomedical Engineering Handbook, CRC Press, USA, Salem, 1995, (TOC only)			
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	145	Cumber et al., "Preparation of Antibody-Toxin Conjugates," Meth. Enzymol., 1985, 112:207-225			
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	147	Delorme et al., "Role of Glycosylation on the Secretion and Biological Activity of Erythropoietin," Biochemistry, 1992, 31(41):9871-9876			
	148	Dittmar et al "Human Glycoproteins and Derived Variants from Recombinant Mammalian Cell			

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(Use several sheets if necessary)		Filing Date February 6, 2006	Group Art Unit 2612	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
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	164	Gillis et al., "T Cell Growth Factor: Parameters of Production and a Quantitative Microassay for Activity," J. Immunol., 1978, 120(6):2027-2032
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Substitute Disclosure Form (PTO-1449)

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Examiner	Desig.	
Initial	ID	Document
		Grabenhorst and Conradt, "The Cytoplasmic, Transmembrane, and Stem Regions of
	168	Glycosyltransferases Specify Their <i>in vivo</i> Functional Sublocalization and Stability in the Golgi," <u>J.</u> Biol. Chem., 1999, 274(51):36107-36116
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	303	Wong et al., "Synthetic glycosylation of proteins using $N$ -( $\beta$ -saccharide) iodoacetamides: applications in site-specific glycosylation and solid-phase enzymic oligosaccharide synthesis," Biochem. J., 1994, 300:843-850	
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	305	Xue and Wong; "Preparation of Conjugated Hemoglobins," Meth. Enzymol., 1994, 231:308-322	
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	307	Yamaguchi et al., "Effects of site-directed removal of N-glycosylation sites in human erythropoietin on its production and biological properties," J. Biol. Chem., 1991, 266(30):20434-20439	
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Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no	of in conformance and not considered. Include copy of this form with

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